

**Amendments to the Specification:**

Please insert the following new paragraph after the title and before the first paragraph on page 1 of the specification:

- - This application is a U.S. National Stage Phase application of PCT International Application No. PCT/JP2005/004496, filed March 15, 2005.- -

Please replace the original Abstract with the following amended abstract:

A transmitter using a plurality of pulse signals having different pulse sequence times, a receiver for steadily demodulating pulse signals of only desirable wave, and a wireless system are disclosed. In the transmitter, a control signal generating circuit outputs a control signal for generating a plurality of pulse signals having different pulse sequence generating times, a pulse generating circuit generates a plurality of pulse signals by using the control signal. In the receiver, reception front end-(104) receives the plurality of pulse signals having different pulse sequence generating times, delay circuit-(101) delays at least one of reception front-end output signals-(107a, 107b) supplied from the reception front-end by a given time, delay pulse composition circuit-(102) combines delay signal-(108) with reception front-end output signal (107b), so that the receiver steadily demodulates the pulse signals of only the desirable wave.

Attachment: A clean copy of the Abstract is attached.